

### D9112B1 Revision 3.16 D9112B Revision 3.17

These revisions of firmware were developed to correct operational problems that were found after the release of revision 3.12 and 3.13. Both revisions contain the improvements introduced in previous revisions of D9112 firmware. To review changes made in previous revisions, see the Release Notes document supplied with those revisions.

#### Fire Restoral Reports

The D9112 prioritizes `FIRE ALARM` and `FIRE TROUBLE` events when reporting to the D6500 Receiver.

In previous versions of the D9112B and D9112B1, the corresponding `FIRE RESTORAL` reports are not prioritized the same as the above Fire event reports.

##### ... in previous versions

When multiple events occur between the time the panel starts attempting to communicate with the D6500 and the time the connection is made, the panel sorts the event reports according to each report's priority. Because `FIRE ALARM` and `FIRE TROUBLE` reports have a higher priority than other event reports, they are sent first.

When a Fire point programmed to send `FIRE RESTORAL` trips and restores multiple times prior to the call connecting with the D6500, the `FIRE RESTORAL` reports are sent after the `FIRE ALARM` or `FIRE TROUBLE` reports are sent, rather than in the chronological order in which the events were generated.

The Log and the Local Printer of the control/communicator show the events in the sequence in which they occurred.

For a further explanation and examples of this issue, see Technogram #73-07402-000-A.

##### Revisions 3.16/3.17 correct the issue

In the present version, `FIRE RESTORAL` events are reported to the D6500 Receiver with the same priority as `FIRE ALARM` and `FIRE TROUBLE` type events.

#### Force Arming

Not all off-normal points were included when `FORCED CLOSE` reports were sent. With multiple faulted points (bypassable or not) an area may be force armed but not all forced points may be logged or included in the closing report, if `FORCE ARMED` reports are turned on. The present revision corrects this problem.

#### Command 8

In previous versions, Command 8 would not be allowed if non-bypassable perimeter points were faulted. The current revision now allows perimeter partial arming of faulted, non-bypassable points.

#### Status Reports and Event Memory (All Revisions)

Point trouble and alarm conditions are acknowledged by entering a valid combination and the ENT or ESC key. As a result, messages are then removed from event memory (not logger) and therefore removed from Status Reports. This is an operational characteristic of the system.

## Feature Changes Introduced in Revision 3.12/3.13

The following features introduced in Revision 3.12/3.13 are also found in Revision 3.16/3.17.

### Single Ring Parameter

The *Single Ring* program item determines whether an alarm from a non-fire point can restart the alarm bell time with each alarm event, or only initiate alarm output once per arming period. This does not silence the command center alarm bell tone, nor prevent any reports.

If the *Single Ring* parameter is programmed **Yes**, the panel will produce one bell output during the armed state. After one alarm has occurred during an armed period, subsequent alarms on non-fire points in the same area cannot restart the bell. If this parameter is programmed **No**, the bell output will be restarted with each alarm event.

In previous revisions, if a non-fire point went into alarm while the panel was disarmed, and the bell-time was allowed to expire, and then subsequently the panel was rearmed using any method other than passcode arming, the bell would not ring for any non-fire alarms. The present revision corrects this problem.

### Custom Functions

In revision 3.10/3.11, if Command 1 or a valid arming passcode was used in a Custom Function to arm an area, the exit tone (if enabled) would not sound for the first 10 seconds of exit delay. The present revision corrects this problem.

### “Bypass Arm ?” Prompt

In previous revisions, the command center would prompt the user to ***Bypass Arm ?*** if a 24-hour point were bypassed at the time a perimeter arming command was issued. The present revision corrects this problem.

## D9112 Update Kits

Update kits are available at no charge by calling Radionics Order Processing. Use the table below to determine which kits you need to order.

Panel Model	Previous Firmware Revisions	Dual Phone Line Module	New Firmware Revision	Update Kit
<b>D9112B1</b>	3.12 3.10 3.01 2.97 2.95	D928	3.16	D9199-0316
<b>D9112B</b>	3.13 3.11 3.02 2.98 2.91 or lower	D128	3.17	D9199-0317

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74-06874-000-M 3/95

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